

| Project Title | Funding | Strategic Plan Objective | Institution |
|---|-------------|--------------------------|---|
| Multi-registry analyses for iCARE - Denmark | \$4,478 | Q3.S.H | Aarhus University |
| Advanced parental age and autism: The role of aneuploidy and uniparental disomy in ASD pathogenesis | \$0 | Q3.S.A | Albert Einstein College of Medicine of Yeshiva University |
| Molecular analysis of bipolar and schizophrenia candidate genes | \$415,000 | Q3.S.J | Albert Einstein College of Medicine of Yeshiva University |
| Autism Genome Project (AGP) | \$10,000 | Q3.L.B | Autism Speaks (AS) |
| Human neurobehavioral phenotypes associates with the extended PWS/AS domain | \$618,967 | Q3.S.J | Baylor College of Medicine |
| A genome-wide search for autism genes in the SSC Baylor | \$20,344 | Q3.L.B | Baylor College of Medicine |
| Simons Simplex Collection support grant | \$30,000 | Q3.L.B | Baylor College of Medicine |
| Simons Simplex Collection Site | \$0 | Q3.L.B | Baylor College of Medicine |
| Autism genetics: Homozygosity mapping and functional validation | \$850,815 | Q3.S.A | Boston Children's Hospital |
| A genome-wide search for autism genes in the SSC CHB | \$50,000 | Q3.L.B | Boston Children's Hospital |
| Simons Simplex Collection support grant | \$30,000 | Q3.L.B | Boston Children's Hospital |
| Simons Simplex Collection Site | \$51,656 | Q3.L.B | Boston Children's Hospital |
| Finding recessive genes for autism spectrum disorders | \$349,999 | Q3.L.B | Boston Children's Hospital |
| RNA expression patterns in autism | \$710,306 | Q3.L.B | Boston Children's Hospital |
| Neonatal biomarkers in extremely preterm babies predict childhood brain disorders | \$3,478,718 | Q3.S.H | Boston Medical Center |
| A genome-wide search for autism genes in the SSC Brown | \$50,000 | Q3.L.B | Brown University |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia | \$1,451,838 | Q3.L.D | Centers for Disease Control and Prevention (CDC) |
| Prenatal antidepressants and autism spectrum disorder | \$153,000 | Q3.L.C | Cincinnati Children's Hospital Medical Center |
| Genetic basis of autism | \$0 | Q3.L.B | Cold Spring Harbor Laboratory |
| Understanding the genetic basis of autism | \$6,557,422 | Q3.L.B | Cold Spring Harbor Laboratory |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado | \$1,110,000 | Q3.L.D | Colorado Department of Health and Environment |
| Multi-registry analyses for iCARE - Data Management Core | \$16,907 | Q3.S.H | Columbia University |
| Novel statistical methods for DNA sequencing data, and applications to autism | \$339,743 | Q3.L.B | Columbia University |
| Simons Simplex Collection support grant | \$1,430 | Q3.L.B | Columbia University |
| Simons Simplex Collection Site | \$0 | Q3.L.B | Columbia University |
| Assisted reproductive technologies and increased autism risk | \$200,000 | Q3.L.C | Columbia University |
| Gene-environment interactions in an autism birth cohort | \$3,012,046 | Q3.L.D | Columbia University |
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| Early life environmental exposures and autism in an existing Swedish birth cohort | \$149,995 | Q3.S.H | Drexel University |
| Evaluating epidemiological and biostatistical challenges in the EARLI investigation | \$40,000 | Q3.L.A | Drexel University |
| ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) Network | \$2,835,202 | Q3.L.A | Drexel University |
| 5-hydroxymethylcytosine-mediated epigenetic regulation in autism | \$100,000 | Q3.S.J | Emory University |
| 5-Hydroxymethylcytosine-mediated epigenetic regulation in autism spectrum disorders | \$60,000 | Q3.S.J | Emory University |
| Simons Simplex Collection support grant | \$30,682 | Q3.L.B | Emory University |
| A genome-wide search for autism genes in the SSC Emory | \$72,524 | Q3.L.B | Emory University |
| Simons Simplex Collection Site | \$0 | Q3.L.B | Emory University |
| Population genetics to improve homozygosity mapping and mapping in admixed groups | \$52,190 | Q3.L.B | Harvard Medical School |
| Cell specific genomic imprinting during cortical development and in mouse models | \$328,975 | Q3.S.J | Harvard University |
| Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II | \$0 | Q3.L.C | Harvard University |
| Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II | \$0 | Q3.L.C | Harvard University |
| The mechanism of mutations in heterochromatin related genes in ASD | \$61,625 | Q3.S.J | Hebrew University of Jerusalem |
| Risk factors, comorbid conditions, and epidemiology of autism in children | \$0 | Q3.S.H | Henry M. Jackson Foundation |
| Illumina, Inc. | \$717,504 | Q3.L.B | Illumina, Inc. |
| Research project about a potential infectious origin of autism | \$0 | Q3.S.E | Institut de Recherche Luc Montagnier |
| Very early behavioral indicators of ASD risk among NICU infants: A prospective study | \$149,986 | Q3.S.H | Institute for Basic Research in Developmental Disabilities |
| Genomic profiling of autism families using whole-genome sequencing | \$129,600 | Q3.L.B | Institut Pasteur |
| Discordant monozygotic twins as a model for genetic-environmental interaction in autism | \$0 | Q3.S.J | Johns Hopkins University |
| Genome-wide examination of DNA methylation in autism | \$149,999 | Q3.S.J | Johns Hopkins University |
| Environment, the perinatal epigenome, and risk for autism and related disorders | \$1,976,271 | Q3.S.J | Johns Hopkins University |
| Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh | \$196,051 | Q3.L.D | Johns Hopkins University |
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| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland | \$1,520,000 | Q3.L.D | Johns Hopkins University |
| Epigenetic DNA modifications in autistic spectrum disorders | \$81,811 | Q3.S.J | Johns Hopkins University School of Medicine |
| Integrative genetic analysis of autistic brains | \$200,000 | Q3.L.B | Johns Hopkins University School of Medicine |
| Prenatal and neonatal biologic markers for autism (supplement) | \$129,464 | Q3.S.C | Kaiser Foundation Research Institute |
| Prenatal and neonatal biologic markers for autism | \$609,792 | Q3.S.C | Kaiser Foundation Research Institute |
| Prevalence and patterns of medical co-morbidity and healthcare use before ASD diagnoses in children | \$149,999 | Q3.S.E | Kaiser Foundation Research Institute |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California | \$1,020,000 | Q3.L.D | Kaiser Foundation Research Institute |
| Multi-registry analyses for iCARE- Sweden | \$11,462 | Q3.S.H | Karolinska Institutet |
| Discordant monozygotic twins as a model for genetic-environmental interaction in autism | \$0 | Q3.S.J | Kennedy Krieger Institute |
| Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences | \$0 | Q3.S.J | King's College London |
| Analysis of the small intestinal microbiome of children with autism | \$0 | Q3.S.I | Massachusetts General Hospital |
| Genome-wide analyses of DNA methylation in autism | \$60,000 | Q3.S.J | Massachusetts General Hospital |
| Rapid characterization of balanced genomic rearrangements contributing to autism | \$53,942 | Q3.L.B | Massachusetts General Hospital |
| Cryptic chromosomal aberrations contributing to autism | \$70,524 | Q3.L.B | Massachusetts General Hospital |
| Complex genetic architecture of chromosomal aberrations in autism | \$92,917 | Q3.L.B | Massachusetts General Hospital |
| Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II | \$0 | Q3.L.C | Massachusetts General Hospital |
| Sequence-based discovery of genes with pleiotropic effects across diagnostic boundaries and throughout the lifespan | \$0 | Q3.L.B | Massachusetts General Hospital and Harvard University |
| Simons Simplex Collection support grant | \$30,040 | Q3.L.B | McGill University Health Centre- Montreal Children's Hospital |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center | \$900,000 | Q3.L.D | Michigan State University |
| Population-based autism genetics & environment study | \$723,934 | Q3.L.D | Mount Sinai School of Medicine |
| ACE Network: Multigenerational Familial and Environmental Risk for Autism (MINERVA) Network | \$1,000,000 | Q3.L.D | Mount Sinai School of Medicine |
| Hypocholesterolemic autism spectrum disorder | \$84,549 | Q3.L.B | National Institutes of Health |
| Genetic epidemiology of complex traits | \$559,192 | Q3.L.B | National Institutes of Health |

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| Autism Genome Project (AGP) Core Consortium | \$0 | Q3.L.B | Nationwide Children's Hospital |
| Regulation of gene expression in ASD through a novel polycomb complex | \$100,855 | Q3.S.J | New York University School of Medicine |
| Multi-registry analyses for iCARE - Norway | \$11,462 | Q3.S.H | Norwegian Institute of Public Health |
| Maternal cholesterol and autism | \$0 | Q3.S.H | Oregon Health & Science University |
| Paternal age and epigenetic mechanisms in psychiatric disease | \$45,000 | Q3.S.J | Research Foundation for Mental Hygiene, Inc/NYSPI |
| Identification of aberrantly methylated genes in autism: The role of advanced paternal age | \$0 | Q3.S.J | Research Foundation for Mental Hygiene, Inc. |
| Mitochondria and the etiology of autism | \$437,500 | Q3.L.B | The Children's Hospital of Philadelphia |
| Autism spectrum disorder and autoimmune disease of mothers | \$137,219 | Q3.S.E | The Feinstein Institute for Medical Research |
| Multi-registry analyses for iCARE - Israel | \$8,980 | Q3.S.H | The Gertner Institute of Epidemiology and Health Policy Research |
| Examining the Y-chromosome in autism spectrum disorder | \$175,000 | Q3.L.B | The Hospital for Sick Children |
| Autism Genome Project (AGP): Genome sequencing and analysis supplement | \$50,000 | Q3.L.B | The Hospital for Sick Children |
| Identifying genetic variants on the Y chromosome of males with autism | \$50,555 | Q3.L.B | The Hospital for Sick Children |
| The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum | \$152,545 | Q3.L.B | The Pennsylvania State University |
| Autism, GI symptoms and the enteric microbiota | \$87,642 | Q3.S.I | The Research Foundation of the State University of New York at Stony Brook |
| Simons Simplex Collection Site | \$44,598 | Q3.L.B | The Research Institute of the McGill University Health Centre |
| Genetic and environmental interactions leading to autism-like symptoms | \$60,000 | Q3.S.K | The Rockefeller University |
| Autism Genome Project Consortium data reanalysis using computational biostatistics | \$60,000 | Q3.L.B | The Rockefeller University |
| Multi-registry analyses for iCARE - Finland | \$6,980 | Q3.S.H | Turku University |
| Elevated urinary P-cresol in small autistic children: Origin and consequences | \$20,000 | Q3.S.I | Universita Campus Bio-Medico di Roma |
| Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure | \$0 | Q3.S.K | Universita Campus Bio-Medico di Roma |
| Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study | \$147,661 | Q3.S.A | University of Alberta |
| Genomic influences on development and outcomes in Infants at risk of ASD | \$0 | Q3.S.A | University of Alberta |
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| Genomic influences on development and outcomes in infants at risk for autism | \$498,341 | Q3.L.B | University of Alberta |
| Project 1: Effect of multi-level environmental exposure on birth outcomes | \$23,798 | Q3.S.C | University of California, Berkeley |
| The Charge Study: Childhood Autism Risks from Genetics and the Environment (supplement) | \$188,012 | Q3.S.C | University of California, Davis |
| Autism risk, prenatal environmental exposures, and pathophysiologic markers | \$1,815,424 | Q3.S.C | University of California, Davis |
| EPA/NIEHS Center for Children's Environmental Health (CCEH) at UC Davis | \$0 | Q3.S.C | University of California, Davis |
| Evaluation of the immune and physiologic response in children with autism following immune challenge | \$0 | Q3.S.E | University of California, Davis |
| UC Davis Center for Children's Environmental Health (CCEH) Bridge | \$75,000 | Q3.S.F | University of California, Davis |
| Gestational exposure questionnaire validation and feasibility study | \$187,864 | Q3.S.H | University of California, Davis |
| Defining the underlying biology of gastrointestinal dysfunction in autism | \$0 | Q3.S.I | University of California, Davis |
| Methylomic and genomic impacts of organic pollutants in Dup15q syndrome | \$346,406 | Q3.S.J | University of California, Davis |
| Exploring interactions between folate and environmental risk factors for autism | \$208,782 | Q3.S.J | University of California, Davis |
| The role of serotonin in social bonding in animal models | \$30,000 | Q3.S.K | University of California, Davis |
| Genome-wide expression profiling data analysis to study autism genetic models | \$0 | Q3.S.A | University of California, Los Angeles |
| Rapid phenotyping for rare variant discovery in autism | \$700,956 | Q3.S.A | University of California, Los Angeles |
| Epigenetic and transcriptional dysregulation in autism spectrum disorder | \$629,805 | Q3.S.J | University of California, Los Angeles |
| Simons Simplex Collection support grant | \$30,000 | Q3.L.B | University of California, Los Angeles |
| A genome-wide search for autism genes in the SSC UCLA | \$100,000 | Q3.L.B | University of California, Los Angeles |
| Simons Simplex Collection Site | \$0 | Q3.L.B | University of California, Los Angeles |
| ACE Network: A comprehensive approach to identification of autism susceptibility genes | \$2,631,440 | Q3.L.B | University of California, Los Angeles |
| ACE Network: A comprehensive approach to identification of autism susceptibility genes (supplement) | \$442,627 | Q3.L.B | University of California, Los Angeles |
| The role of germline mutation and parental age in autism spectrum disorders | \$757,596 | Q3.S.C | University of California, San Diego |
| Whole-exome sequencing to identify causative genes for autism | \$350,000 | Q3.L.B | University of California, San Diego |
| Dissecting expression regulation of an autism GWAS hit | \$30,000 | Q3.L.B | University of California, San Francisco |

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| Linking autism and congenital cerebellar malformations | \$0 | Q3.L.B | University of Chicago |
| Investigation of DUF1220 domains in human brain function and disease | \$376,668 | Q3.L.B | University of Colorado Denver |
| Locus-specific imprinting on the mammalian X chromosome | \$327,994 | Q3.S.J | University of Connecticut |
| Modeling gut microbial ecology and metabolism in autism using an innovative ex vivo approach | \$122,626 | Q3.S.I | University of Guelph |
| A genome-wide search for autism genes in the SSC UIC | \$48,419 | Q3.L.B | University of Illinois at Chicago |
| Simons Simplex Collection Site | \$0 | Q3.L.B | University of Illinois at Chicago |
| Simons Simplex Collection support grant | \$30,000 | Q3.L.B | University of Illinois at Chicago |
| Mechanisms of valproic acid-induced neurodevelopmental and behavioral defects | \$318,513 | Q3.S.J | University of Maryland, Baltimore |
| Simons Simplex Collection Site | \$123,678 | Q3.L.B | University of Michigan |
| Simons Simplex Collection support grant | \$30,000 | Q3.L.B | University of Missouri |
| Simons Simplex Collection Site | \$0 | Q3.L.B | University of Missouri |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina | \$1,020,001 | Q3.L.D | University of North Carolina at Chapel Hill |
| 3/3-Sequencing autism spectrum disorder extended pedigrees | \$160,000 | Q3.L.B | University of Pennsylvania |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania | \$1,020,000 | Q3.L.D | University of Pennsylvania/Children's Hospital of Philadelphia |
| A genome-wide search for autism genes in the SSC Pittsburgh | \$50,000 | Q3.L.B | University of Pittsburgh |
| Autism Genome Project (AGP) Core Consortium | \$0 | Q3.L.B | University of Pittsburgh |
| A history of behavioral genetics | \$0 | Q3.Other | University of Pittsburgh |
| Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism | \$0 | Q3.S.E | University of Rochester |
| Perinatal exposure to airborne pollutants and associations with autism phenotype | \$102,717 | Q3.S.C | University of Southern California |
| Environmental exposures measured in deciduous teeth as potential biomarkers for autism risk | \$100,000 | Q3.S.B | University of Texas Health Science Center at San Antonio |
| FOXP2-regulated signaling pathways critical for higher cognitive functions (supplement) | \$66,686 | Q3.Other | University of Texas Southwestern Medical Center |
| FOXP2-regulated signaling pathways critical for higher cognitive functions | \$248,921 | Q3.Other | University of Texas Southwestern Medical Center |
| 1/3-Sequencing autism spectrum disorder extended pedigrees | \$299,000 | Q3.L.B | University of Utah |
| Simons Simplex Collection Site | \$75,000 | Q3.L.B | University of Washington |
| Simons Simplex Collection support grant | \$29,752 | Q3.L.B | University of Washington |

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| Whole exome sequencing of Simons Simplex Collection quads | \$1,835,440 | Q3.L.B | University of Washington |
| Genomic hotspots of autism | \$261,033 | Q3.L.B | University of Washington |
| 2/3-Sequencing autism spectrum disorder extended pedigrees | \$231,688 | Q3.L.B | University of Washington |
| Next generation gene discovery in familial autism | \$688,392 | Q3.L.B | University of Washington |
| Multi-registry analyses for iCARE- West Australia | \$69,485 | Q3.S.H | University of Western Australia |
| In vivo function of neuronal activity-induced MeCP2 phosphorylation | \$292,721 | Q3.S.J | University of Wisconsin - Madison |
| Regressive autism as an infectious disease: Role of the home as an environmental factor | \$25,064 | Q3.S.I | VA Medical Center, Los Angeles |
| Simons Simplex Collection Site | \$0 | Q3.L.B | Vanderbilt University |
| A genome-wide search for autism genes in the SSC Vanderbilt | \$300,000 | Q3.L.B | Vanderbilt University Medical Center |
| Simons Simplex Collection support grant | \$30,000 | Q3.L.B | Vanderbilt University Medical Center |
| Simons Simplex Collection support grant | \$34,200 | Q3.L.B | Weill Cornell Medical College |
| Simons Foundation Simplex Project Collection Site | \$0 | Q3.L.B | Weill Cornell Medical College |
| Genetics and gene-environment interactions in a Korean epidemiological sample of autism | \$0 | Q3.S.C | Yale University |
| Whole Exome Sequencing of Simons Simplex Trios | \$114,106 | Q3.L.B | Yale University |
| Whole exome sequencing of Simons Simplex Collection quads | \$2,110,073 | Q3.L.B | Yale University |
| ACE Center: Rare variant genetics, contactin-related proteins and autism | \$324,189 | Q3.L.B | Yale University |
| A genome-wide search for autism genes in the Simons Simplex Collection | \$415,782 | Q3.L.B | Yale University |
| Simons Simplex Collection support grant | \$30,000 | Q3.L.B | Yale University |
| Simons Simplex Collection Site | \$96,641 | Q3.L.B | Yale University |
| The roles of environmental risks and GEX in increasing ASD prevalence | \$575,290 | Q3.L.D | Yale University |

